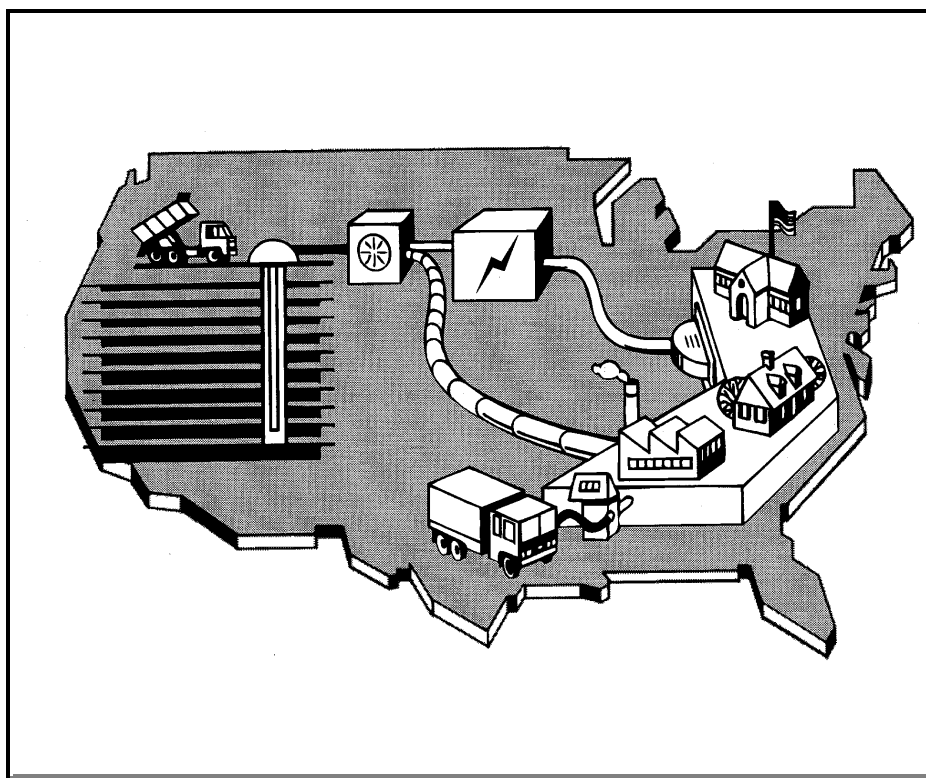




# Landfill Gas-to-Energy Project Opportunities

## Landfill Profiles for the State of Florida



## EPA Landfill Methane Outreach Program



The EPA Landfill Methane Outreach Program, a key component of the United State's *Climate Change Action Plan*, encourages the use of landfill gas (LFG) as an energy resource. EPA assists utilities, municipal and private landfill owners and operators, tribes, and state agencies in reducing methane emissions from landfills through the development of profitable landfill energy recovery projects. Methane captured from landfills can be transformed into a cost-effective fuel source for electricity, heat, boiler and vehicular fuel, or sale to a pipeline. EPA estimates there are approximately 200 landfill methane recovery projects in the U.S. and that up to 750 landfills could install economically viable landfill energy projects.

The Landfill Methane Outreach Program includes five important components: the State Ally, Energy Ally, Industry Ally, Community Partner, and Endorser programs. EPA establishes separate alliances with state agencies, energy providers (including investor-owned, municipal and other public power utilities and cooperatives), key trade and public sector associations, members of the landfill gas development industry (including developers, engineers, equipment vendors, and others) and local communities, municipalities and landfill owner/operators through a Memorandum of Understanding (MOU). By signing the MOU, each Ally/Partner acknowledges a shared commitment to the promotion of landfill gas-to-energy recovery at solid waste landfills, recognizes that the widespread use of landfill gas will reduce emissions of methane and other gases, and commits to undertake activities to enhance development of this resource. In return, EPA agrees to provide landfill gas-to-energy project assistance and public recognition of the Allies' and Partners' participation in the program.

## Introduction

Since 1994 the U.S. EPA's Landfill Methane Outreach Program (LMOP) has participated in an ongoing effort to gather information on Municipal Solid Waste landfills (MSW). A key component of the LMOP is to provide MSW landfill owners and operators, project developers, utilities, and other potential project participants with information on MSW landfills that may offer attractive energy development opportunities. This document presents state specific landfill information, hereinafter referred to as the landfill profiles. These profiles are useful to evaluate the potential for developing landfill gas-to-energy projects (LFGTE). EPA assembled this information from state and local sources as well as various national solid waste publications, landfill owners and operators, and project developers.

The EPA has prepared a separate document to describe the methodology used to develop the state-specific landfill profiles and estimate the benefits of using LFGTE as an energy source. The document, *Landfill Gas-to-Energy Project Opportunities, Background Information on Landfill Profiles*, contains background information on gas collection and use, describes the data fields according to the five sections listed on the landfill profiles, and where applicable, illustrates calculations and default values used to derive estimates. EPA strongly recommends that users read the document prior to using the landfill profiles. Users can obtain the document by calling the LMOP hotline at 1-888-STAR-YES.

### Data Sources

- EPA-ORD Landfill Gas Utilization-Survey (Thorneloe, 1997)
- Directory and Atlas of Solid Waste Disposal Facilities (SWA, 1994)
- Implementation Guide for Landfill Gas Recovery Projects in the Northeast (SCS, 1994)
- Landfill Gas-to-Energy 1994-1995 Activity Report (SWT, 1994)
- Methane Recovery from Landfill Yearbook (GAA, 1994)
- Project developers, landfill owners, and operators
- State and local records
- Survey of Landfill Gas Generation Potential (EPRI, 1992)
- U.S. Landfill Directory (SWANA, 1992)

## Landfill Classification

To facilitate the use of available landfill information, EPA has categorized the landfills into five categories: Current Project,<sup>1</sup> Candidate Project, Shutdown, Other, and Unknown waste-in-place (WIP). These categories are based on the status of the landfill's LFGTE project(s) and WIP. The generation of methane is a function of many factors, the most critical being the amount of waste-in-place and the number of years the waste has been in the landfill. Peak methane generation occurs soon after closure; therefore, the longer the landfill has been closed, the less attractive it becomes for methane recovery. Based on the general timing of peak methane generation, EPA assumes that landfills that ceased accepting waste prior to 1993 have a low probability of generating enough methane to make a gas recovery project economical. Consequently, landfills need to be operating in 1993 to be considered as having a Candidate Project.

### Landfill Categorizes

#### Current Project:

- Landfill with operational LFGTE project or landfill with LFGTE project under construction.

#### Candidate Project:

- Landfill with a potential or planned LFGTE utilization project; or
- Landfill is currently operating or closed after 1993; and has more than 1,000,000 tons of municipal solid waste-in-place.<sup>2</sup>

#### Shutdown:

- Landfill with shutdown LFGTE project.

#### Other:

- Landfill has less than 1,000,000 tons of municipal solid waste-in-place with no current or planned LFGTE project.

#### Unknown WIP:

- Landfill with insufficient data to determine the waste-in-place.

## State Summary

State-specific landfill profile information is summarized in three exhibits. Exhibit 1 presents a summary of the state-specific potential for LFG utilization energy by landfill category. Exhibit 2 summarizes the emissions avoided by fossil fuel displacement for electricity generation and direct use projects. Exhibit 3 presents an index of the state-specific MSW landfills, referenced by category, landfill name and general characteristics.

<sup>1</sup> Current projects illustrate the wide range of successful project development options.

<sup>2</sup> By modeling the relationship between WIP and methane generation, a cut-off of 1,000,000 tons of WIP was established; landfills having at least 1,000,000 tons of WIP are considered candidate landfills.



## Exhibit 1: Florida MSW Landfill Summary

Category	No. of Landfills	Est. Capacity Potential		Est. CH4 Generation (mmscf/d)	Methane Reduction (tons/yr)		CO2 Equivalent of CH4 Reduction (tons/yr)	
		Electricity (MW)	Gas Capacity (mmBtu/hr)		Potential	Current	Potential	Current
Current	9	64	639	20	118,279	103,684	2,483,863	2,177,354
Candidate	17	77	770	25	142,379	60,900	2,989,965	1,278,892
Other	21	35	348	11	64,261	0	1,349,471	0
Unknown WIP	12							
Total	59	176	1,757	56	324,919	164,583	6,823,299	3,456,245

## Exhibit 2: Potential Florida Emissions Avoided by Fossil Fuel Displacement

Category	Electricity Generation Project						Direct Use Project					
	CO2 (tons/yr)			SO2 (tons/yr)			CO2 (tons/yr)			SO2 (tons/yr)		
	Coal	Oil	Natural Gas	Coal	Oil	Natural Gas	Coal	Oil	Natural Gas	Coal	Oil	Natural Gas
Current	505,137	414,593	278,778	3,193	2,669	0	356,182	292,338	196,572	3,241	1,704	2
Candidate	606,953	498,160	334,969	3,836	3,206	0	428,755	351,903	236,624	3,901	2,051	2
Other	275,458	226,083	152,021	1,741	1,455	0	193,511	158,825	106,796	1,761	926	1
Unknown WIP												
Total	1,387,548	1,138,836	765,769	8,771	7,330	0	978,449	803,066	539,993	8,903	4,680	5

### Exhibit 3: Index of Landfills in Florida

Category	Landfill Name	WIP			Landfill Operating in 1998	LFG Collected	LFG Utilization Project	Status of LFGTE Project
		<2.5 million tons	2.5 to 4 million tons	>4 million tons				
Current	Berman Road LF	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Operational
Current	Central Disposal SLF	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Operational
Current	Girvin Road LF	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Operational
Current	North Central LF Site 201	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Operational
Current	Orange County SLF AKA Demonstratio	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Operational
Current	Perdido LF	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Operational
Current	South Dade Solid Waste Disposal Facil	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Construction
Current	Sunbeam Road SLF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Operational
Current	Tomoka Farms Road LF	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Operational
Candidate	Base Line LF Class I	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Potential
Candidate	Bee Ridge LF	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Unknown
Candidate	Brevard County Central LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Potential
Candidate	Charlotte County SLF Zemel Road	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Unknown
Candidate	Citrus Central SLF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Candidate	Croom SLF High Corner Road	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Candidate	Gulf Coast LF	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Planned
Candidate	Indian River County LF Class I	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Potential
Candidate	Medley LF Expansion	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Potential
Candidate	Naples SLF Cell #6 Collier County	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Potential
Candidate	North LF	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Planned
Candidate	Osceola Road LF	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Candidate	Palm Beach County LF #3 Dyer Road	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Planned
Candidate	Southport Road SLF Phase I & II	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Candidate	U.S. 27 South LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Potential
Candidate	West Palm Beach #7	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Planned
Candidate	Wright LF	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Potential
Other	Aucilla Area SW Facility Class I & 2	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	DeSoto City SLF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	Huntington SLF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	Lena Road County LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	Madison City/County SLF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	Majette North SLF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	Martin County Palm City II SLF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	Putnam County Central LF Phase II	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	Putnam County Central SLF	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	Rosemary Hill LF Expansion Class I	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	Saint Cloud City LF Class I	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	Saint Lucie County SLF Phase I	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	Santa Rosa Central LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown

### Exhibit 3: Index of Landfills in Florida

Category	Landfill Name	WIP			Landfill Operating in 1998	LFG Collected	LFG Utilization Project	Status of LFGTE Project
		<2.5 million tons	2.5 to 4 million tons	>4 million tons				
Other	South Dade Dump	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	Springhill Regional Landfill	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	Stock Island LF Key West	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	SW Alachua SLF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	Taylor County Central LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	Tillman Ridge SLF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	Trail Ridge LF	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	West Nassau SLF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Unknown WIP	Boca Raton Garbage Dump	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Unknown WIP	Columbia County Central LF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Unknown WIP	Largo City SLF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Unknown WIP	New River Regional LF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Unknown WIP	North Duval SLF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Unknown WIP	Northwest Hillsborough SLF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Unknown WIP	Pinecrest LF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Unknown WIP	Pinellas County SLF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Unknown WIP	Ridge Road LF New Port Richey	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Unknown WIP	Sandler Road SLF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Unknown WIP	South Dade SW Reduction Facility	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Unknown WIP	Toytown SLF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown

Base Line LF Class I		Landfill Category: Candidate
<b>A. GENERAL LANDFILL INFORMATION</b>		
Landfill Owner:	Annual Acceptance Rate (tons):	171,600
Landfill Owner Type:	Year Annual Acceptance Rate Reported:	1991
Alternative Landfill Name:	Design Capacity (tons):	3,800,000
City: Ocala	Acres Currently Landfilled (acres):	57
County: Marion	Average Depth (feet):	160
State: FL	1997 Waste-in-Place (tons):	2,200,000
Year Open: 1977	1998 Waste-in-Place (tons):	2,371,600
Year Closed: 2005		
<b>B. LANDFILL GAS COLLECTION</b>		
Estimated Methane Generation (mmscf/d):	1.02	
LFG Collection System Status:		
Current LFG Collected (mmscf/d):		
Collection and Treatment System Required Under NSPS/EG:	No	
<b>C. LANDFILL GAS UTILIZATION</b>		
Current Utilization:		
Utilization System Status:	Potential	
Utilization System Type:	Unknown	
Utilization System Start Year:		
Electric Utility Provider(s):		
Natural Gas Provider(s):		
Energy Purchaser(s):		
Capacity:	Electricity Generation Project (MW)	OR Direct Use Project (mmBtu/hr)
Estimated Potential Capacity:	3	32
Current Capacity:		
Planned Capacity:		
Utilities in County:	Clay Electric Cooperative Inc; Florida Power Corporation; Ocala Electric Utility; Sumter Electric Co	
<b>D. ENVIRONMENTAL BENEFITS OF UTILIZATION</b>		
	<i>Potential</i>	<i>Current</i>
Methane Reduction (tons/yr):	5,924	0
CO2 Equivalent of CH4 Reduction (tons/yr):	124,398	0
Emissions Avoided by Fossil Fuel Displacement:	<i>Electricity Generation Project</i>	<i>Direct Use Project</i>
	CO2 (tons/yr)      SO2 (tons/yr)	CO2 (tons/yr)      SO2 (tons/yr)
Coal:	25,257      160	17,839      162
Fuel Oil:	20,730      133	14,641      85
Natural Gas:	13,939      0	9,845      0
<b>E. CONTACT INFORMATION</b>		
	Landfill Owner	Landfill Operator
Contact Name:	Allen Ellison, Solid Waste Director	
Mailing Address:	5601 Southeast 66th Street	5601 SE 66th Street
Phone Number:	904-245-4584	352-245-4584
Fax Number:	904-245-5954	

\* *Italicized indicates values estimated by EPA.*

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Bee Ridge LF		Landfill Category: Candidate	
<b>A. GENERAL LANDFILL INFORMATION</b>			
Landfill Owner:	Sarasota County, Solid Waste Department	Annual Acceptance Rate (tons):	161,290
Landfill Owner Type:	Public	Year Annual Acceptance Rate Reported:	1998
Alternative Landfill Name:		Design Capacity (tons):	
City:	Sarasota	Acres Currently Landfilled (acres):	120
County:	Sarasota	Average Depth (feet):	50
State:	FL	1998 Waste-in-Place (tons):	4,978,200
Year Open:	1970	1998 Waste-in-Place (tons):	4,978,200
Year Closed:	1998		
<b>B. LANDFILL GAS COLLECTION</b>			
Estimated Methane Generation (mmscf/d):	1.69		
LFG Collection System Status:	Operational		
Current LFG Collected (mmscf/d):	0.9		
Collection and Treatment System Required Under NSPS/EG:	Yes		
<b>C. LANDFILL GAS UTILIZATION</b>			
Current Utilization:			
Utilization System Status:	Unknown		
Utilization System Type:	Unknown		
Utilization System Start Year:	1997		
Electric Utility Provider(s):			
Natural Gas Provider(s):			
Energy Purchaser(s):	Sarasota County Sewage Treatment Plant		
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)
Estimated Potential Capacity:	5		53
Current Capacity:			
Planned Capacity:	2.7		21
Utilities in County:	Florida Power & Light Company; Peace River Electric Coop Inc		
<b>D. ENVIRONMENTAL BENEFITS OF UTILIZATION</b>			
	<i>Potential</i>		<i>Current</i>
Methane Reduction (tons/yr):	9,778		3,469
CO2 Equivalent of CH4 Reduction (tons/yr):	205,346		72,849
Emissions Avoided by Fossil Fuel Displacement:	<i>Electricity Generation Project</i>		<i>Direct Use Project</i>
	CO2 (tons/yr)	SO2 (tons/yr)	CO2 (tons/yr) SO2 (tons/yr)
Coal:	41,832	264	29,446 268
Fuel Oil:	34,334	221	24,168 141
Natural Gas:	23,086	0	16,251 0
<b>E. CONTACT INFORMATION</b>			
Landfill Owner		Landfill Operator	
Contact Name:	Gary Bennett, Director	Gary Bennett	
Mailing Address:	3982 Bee Ridge Road H/B	8350 Bee Ridge Road	
Phone Number:	941-316-1166	941-316-1166	
Fax Number:	813-364-4377		

\* *Italicized indicates values estimated by EPA.*





Berman Road LF		Landfill Category:	Current
<b>A. GENERAL LANDFILL INFORMATION</b>			
Landfill Owner:	WMI	Annual Acceptance Rate (tons):	96,000
Landfill Owner Type:		Year Annual Acceptance Rate Reported:	1998
Alternative Landfill Name:		Design Capacity (tons):	185,362,927
City:	Okeechobee	Acres Currently Landfilled (acres):	27.3
County:	Okeechobee	Average Depth (feet):	220
State:	FL	Waste-in-Place (tons):	4,375,800
Year Open:	1980	1998 Waste-in-Place (tons):	4,890,600
Year Closed:	2050		
<b>B. LANDFILL GAS COLLECTION</b>			
Estimated Methane Generation (mmscf/d):		1.67	
LFG Collection System Status:			
Current LFG Collected (mmscf/d):			
Collection and Treatment System Required Under NSPS/EG:		No	
<b>C. LANDFILL GAS UTILIZATION</b>			
Current Utilization:			
Utilization System Status:	Operational		
Utilization System Type:	Leachate Evaporation		
Utilization System Start Year:	1996		
Electric Utility Provider(s):			
Natural Gas Provider(s):			
Energy Purchaser(s):			
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)
Estimated Potential Capacity:	5		52
Current Capacity:			
Planned Capacity:			
Utilities in County: Florida Power & Light Company; Glades Electric Coop Inc			
<b>D. ENVIRONMENTAL BENEFITS OF UTILIZATION</b>			
	<i>Potential</i>		<i>Current</i>
Methane Reduction (tons/yr):	9,649		0
CO2 Equivalent of CH4 Reduction (tons/yr):	202,625		0
Emissions Avoided by Fossil Fuel Displacement:	<i>Electricity Generation Project</i>		<i>Direct Use Project</i>
	CO2 (tons/yr)	SO2 (tons/yr)	CO2 (tons/yr) SO2 (tons/yr)
Coal:	41,042	259	29,056 264
Fuel Oil:	33,686	217	23,848 139
Natural Gas:	22,651	0	16,036 0
<b>E. CONTACT INFORMATION</b>			
Landfill Owner		Landfill Operator	
Contact Name:	Landfill Owner	Caroline McReedy	
Mailing Address:	10800 Northeast 128 Avenue	10800 Northeast 128 Avenue	
Phone Number:	813-357-0111	941-357-0111	
Fax Number:			

\* *Italicized indicates values estimated by EPA.*

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Brevard County Central LF			Landfill Category: Candidate	
<b>A. GENERAL LANDFILL INFORMATION</b>				
Landfill Owner:	Brevard County, Solid Waste Department	Annual Acceptance Rate (tons):	100,100	
Landfill Owner Type:	Public	Year Annual Acceptance Rate Reported:	1994	
Alternative Landfill Name:	Central Disposal/ Emergency LF	Design Capacity (tons):		
City:	Cocoa	Acres Currently Landfilled (acres):	192	
County:	Brevard	Average Depth (feet):		
State:	FL	Waste-in-Place (tons):	1,601,600	
Year Open:	1976	1998 Waste-in-Place (tons):	2,302,300	
Year Closed:	2003			
<b>B. LANDFILL GAS COLLECTION</b>				
Estimated Methane Generation (mmscf/d):	1.01			
LFG Collection System Status:	Operational			
Current LFG Collected (mmscf/d):	10.0			
Collection and Treatment System Required Under NSPS/EG:	Yes			
<b>C. LANDFILL GAS UTILIZATION</b>				
Current Utilization:				
Utilization System Status:	Potential			
Utilization System Type:	Unknown			
Utilization System Start Year:				
Electric Utility Provider(s):				
Natural Gas Provider(s):				
Energy Purchaser(s):				
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)	
Estimated Potential Capacity:	3		32	
Current Capacity:				
Planned Capacity:	1.5		208	
Utilities in County:	Florida Power & Light Company; Peace River Electric Coop Inc			
<b>D. ENVIRONMENTAL BENEFITS OF UTILIZATION</b>				
	<i>Potential</i>		<i>Current</i>	
Methane Reduction (tons/yr):	5,821		38,544	
CO2 Equivalent of CH4 Reduction (tons/yr):	122,247		809,424	
Emissions Avoided by Fossil Fuel Displacement:	<i>Electricity Generation Project</i>		<i>Direct Use Project</i>	
	CO2 (tons/yr)	SO2 (tons/yr)	CO2 (tons/yr)	SO2 (tons/yr)
Coal:	24,468	155	17,530	160
Fuel Oil:	20,082	129	14,388	84
Natural Gas:	13,503	0	9,675	0
<b>E. CONTACT INFORMATION</b>				
	Landfill Owner		Landfill Operator	
Contact Name:	Richard Rabon, Solid Waste Director		Richard Rabon	
Mailing Address:	1620 Adamson Rd.		1620 Adamson Rd.	
Phone Number:	407-633-7113		407-633-7113	
Fax Number:	407-633-2045			

\* *Italicized indicates values estimated by EPA.*



Central Disposal SLF		Landfill Category:	Current
<b>A. GENERAL LANDFILL INFORMATION</b>			
Landfill Owner:	WMI	Annual Acceptance Rate (tons):	1,144,000
Landfill Owner Type:	Private	Year Annual Acceptance Rate Reported:	1992
Alternative Landfill Name:		Design Capacity (tons):	36,412,717
City:	Pompano Beach	Acres Currently Landfilled (acres):	242
County:	Broward	Average Depth (feet):	15
State:	FL	1994 Waste-in-Place (tons):	23,288,000
Year Open:	1960	1998 Waste-in-Place (tons):	27,864,000
Year Closed:	2035		
<b>B. LANDFILL GAS COLLECTION</b>			
Estimated Methane Generation (mmscf/d):	6.04		
LFG Collection System Status:	Operational		
Current LFG Collected (mmscf/d):	8.0		
Collection and Treatment System Required Under NSPS/EG:	No		
<b>C. LANDFILL GAS UTILIZATION</b>			
Current Utilization:			
Utilization System Status:	Operational		
Utilization System Type:	Gas Turbine		
Utilization System Start Year:	1988		
Electric Utility Provider(s):			
Natural Gas Provider(s):			
Energy Purchaser(s):	Florida Power Corporation		
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)
Estimated Potential Capacity:	19		189
Current Capacity:	18.0		141
Planned Capacity:			
Utilities in County:	Florida Power & Light Company; Lee County Electric Coop Inc		
<b>D. ENVIRONMENTAL BENEFITS OF UTILIZATION</b>			
	Potential	Current	
Methane Reduction (tons/yr):	34,947	30,835	
CO2 Equivalent of CH4 Reduction (tons/yr):	733,885	647,539	
Emissions Avoided by Fossil Fuel Displacement:	Electricity Generation Project	Direct Use Project	
	CO2 (tons/yr) SO2 (tons/yr)	CO2 (tons/yr) SO2 (tons/yr)	
Coal:	149,173 943	105,238 958	
Fuel Oil:	122,435 788	86,375 503	
Natural Gas:	82,327 0	58,079 1	
<b>E. CONTACT INFORMATION</b>			
	Landfill Owner	Landfill Operator	
Contact Name:	Michael Berg	Ron Entabe	
Mailing Address:	3831 N.W. 21st Avenue	3000 NW 48th Street	
Phone Number:	954-977-9551	954-917-1640	
Fax Number:			

\* *Italicized indicates values estimated by EPA.*



**A. GENERAL LANDFILL INFORMATION**

Landfill Owner:	Charlotte County Mosquito Control	Annual Acceptance Rate (tons):	118,118
Landfill Owner Type:		Year Annual Acceptance Rate Reported:	1994
Alternative Landfill Name:		Design Capacity (tons):	
City:	Tropical Gulf Acres	Acres Currently Landfilled (acres):	160
County:	Charlotte	Average Depth (feet):	73
State:	FL	1994 Waste-in-Place (tons):	638,509
Year Open:	1990	1998 Waste-in-Place (tons):	1,110,981
Year Closed:	1998		

**B. LANDFILL GAS COLLECTION**

Estimated Methane Generation (mmscf/d):	0.70
LFG Collection System Status:	Operational
Current LFG Collected (mmscf/d):	
Collection and Treatment System Required Under NSPS/EG:	No

**C. LANDFILL GAS UTILIZATION**

Current Utilization:			
Utilization System Status:	Unknown		
Utilization System Type:	Unknown		
Utilization System Start Year:			
Electric Utility Provider(s):			
Natural Gas Provider(s):			
Energy Purchaser(s):			
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)
Estimated Potential Capacity:	2		
Current Capacity:			
Planned Capacity:			

Utilities in County: Florida Power & Light Company; Lee County Electric Coop Inc

**D. ENVIRONMENTAL BENEFITS OF UTILIZATION**

	Potential	Current
Methane Reduction (tons/yr):	4,060	0
CO2 Equivalent of CH4 Reduction (tons/yr):	85,250	0
Emissions Avoided by Fossil Fuel Displacement:	Electricity Generation Project	Direct Use Project
	CO2 (tons/yr) SO2 (tons/yr)	CO2 (tons/yr) SO2 (tons/yr)
Coal:	17,364 110	12,225 111
Fuel Oil:	14,252 92	10,034 59
Natural Gas:	9,583 0	6,747 0

**E. CONTACT INFORMATION**

	Landfill Owner	Landfill Operator
Contact Name:	Robert Ward, Director	
Mailing Address:	P.O. Box 1054	P.O. Box 1054
Phone Number:	813-639-1349	813-639-1802
Fax Number:	813-639-4821	

\* *Italicized indicates values estimated by EPA.*

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Citrus Central SLF			Landfill Category: Candidate	
<b>A. GENERAL LANDFILL INFORMATION</b>				
Landfill Owner:	Citrus County Solid Waste Management	Annual Acceptance Rate (tons):	60,000	
Landfill Owner Type:	Public	Year Annual Acceptance Rate Reported:	1998	
Alternative Landfill Name:		Design Capacity (tons):		
City:	Lecanto	Acres Currently Landfilled (acres):	45	
County:	Citrus	Average Depth (feet):	40	
State:	FL	1998 Waste-in-Place (tons):	1,300,000	
Year Open:	1975	1998 Waste-in-Place (tons):	1,300,000	
Year Closed:	2000			
<b>B. LANDFILL GAS COLLECTION</b>				
Estimated Methane Generation (mmscf/d):		0.75		
LFG Collection System Status:				
Current LFG Collected (mmscf/d):				
Collection and Treatment System Required Under NSPS/EG:		No		
<b>C. LANDFILL GAS UTILIZATION</b>				
Current Utilization:				
Utilization System Status:	Unknown			
Utilization System Type:	Unknown			
Utilization System Start Year:				
Electric Utility Provider(s):	Florida Power			
Natural Gas Provider(s):				
Energy Purchaser(s):				
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)	
Estimated Potential Capacity:	2		24	
Current Capacity:				
Planned Capacity:				
Utilities in County: Central Florida Elec Coop Inc; Florida Power Corporation; Sumter Electric Coop Inc; Withlacoochee				
<b>D. ENVIRONMENTAL BENEFITS OF UTILIZATION</b>				
	<i>Potential</i>		<i>Current</i>	
Methane Reduction (tons/yr):	4,339		0	
CO2 Equivalent of CH4 Reduction (tons/yr):	91,121		0	
Emissions Avoided by Fossil Fuel Displacement:	<i>Electricity Generation Project</i>		<i>Direct Use Project</i>	
	CO2 (tons/yr)	SO2 (tons/yr)	CO2 (tons/yr)	SO2 (tons/yr)
Coal:	18,153	115	13,067	119
Fuel Oil:	14,899	96	10,724	63
Natural Gas:	10,019	0	7,211	0
<b>E. CONTACT INFORMATION</b>				
Landfill Owner			Landfill Operator	
Contact Name:	Susan Metcalfe, Director	Susan Metcalf, Director		
Mailing Address:	P.O. Box 340	County Courthouse		
Phone Number:	352-746-5000	352-746-5000		
Fax Number:	904-527-1204			

\* *Italicized indicates values estimated by EPA.*

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Croom SLF High Corner Road		Landfill Category: Candidate	
<b>A. GENERAL LANDFILL INFORMATION</b>			
Landfill Owner:	Hernando County, Utilities Department	Annual Acceptance Rate (tons):	71,500
Landfill Owner Type:	Public	Year Annual Acceptance Rate Reported:	0
Alternative Landfill Name:		Design Capacity (tons):	
City:	Brooksville	Acres Currently Landfilled (acres):	38.2
County:	Hernando	Average Depth (feet):	40
State:	FL	Waste-in-Place (tons):	1,215,500
Year Open:	1976	1998 Waste-in-Place (tons):	1,644,500
Year Closed:	1998		
<b>B. LANDFILL GAS COLLECTION</b>			
Estimated Methane Generation (mmscf/d):		0.84	
LFG Collection System Status:			
Current LFG Collected (mmscf/d):			
Collection and Treatment System Required Under NSPS/EG:		No	
<b>C. LANDFILL GAS UTILIZATION</b>			
Current Utilization:			
Utilization System Status:	Unknown		
Utilization System Type:	Unknown		
Utilization System Start Year:			
Electric Utility Provider(s):			
Natural Gas Provider(s):			
Energy Purchaser(s):			
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)
Estimated Potential Capacity:	3		26
Current Capacity:			
Planned Capacity:			
Utilities in County: Florida Power Corporation; Sumter Electric Coop Inc; Withlacoochee River Elec Coop Inc			
<b>D. ENVIRONMENTAL BENEFITS OF UTILIZATION</b>			
	<i>Potential</i>		<i>Current</i>
Methane Reduction (tons/yr):	4,849		0
CO2 Equivalent of CH4 Reduction (tons/yr):	101,819		0
Emissions Avoided by Fossil Fuel Displacement:	<i>Electricity Generation Project</i>		<i>Direct Use Project</i>
	CO2 (tons/yr)	SO2 (tons/yr)	CO2 (tons/yr) SO2 (tons/yr)
Coal:	20,521	130	14,601 133
Fuel Oil:	16,843	108	11,984 70
Natural Gas:	11,325	0	8,058 0
<b>E. CONTACT INFORMATION</b>			
Landfill Owner		Landfill Operator	
Contact Name:	Donald Post, Operations Manager	Donald Post	
Mailing Address:	202 East Jefferson Street	202 E. Jefferson St.	
Phone Number:	904-754-5102	352-754-4037	
Fax Number:	904-754-8758		

Girvin Road LF		Landfill Category:	Current
<b>A. GENERAL LANDFILL INFORMATION</b>			
Landfill Owner:	City of Jacksonville	Annual Acceptance Rate (tons):	
Landfill Owner Type:	Public	Year Annual Acceptance Rate Reported:	
Alternative Landfill Name:		Design Capacity (tons):	
City:	Jacksonville	Acres Currently Landfilled (acres):	73
County:	Duval	Average Depth (feet):	105
State:	FL	Waste-in-Place (tons):	4,122,058
Year Open:	1973	1998 Waste-in-Place (tons):	4,122,058
Year Closed:	1993		
<b>B. LANDFILL GAS COLLECTION</b>			
Estimated Methane Generation (mmscf/d):	1.47		
LFG Collection System Status:	Operational		
Current LFG Collected (mmscf/d):	1.9		
Collection and Treatment System Required Under NSPS/EG:	No		
<b>C. LANDFILL GAS UTILIZATION</b>			
Current Utilization:			
Utilization System Status:	Operational		
Utilization System Type:	Medium Btu		
Utilization System Start Year:	1997		
Electric Utility Provider(s):			
Natural Gas Provider(s):			
Energy Purchaser(s):	Jacksonville Electric Authority		
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)
Estimated Potential Capacity:	5		46
Current Capacity:			40
Planned Capacity:			
Utilities in County:	Clay Electric Cooperative Inc; Florida Power & Light Company; Jacksonville Beach Elec Dept; Okefe		
<b>D. ENVIRONMENTAL BENEFITS OF UTILIZATION</b>			
	<i>Potential</i>		<i>Current</i>
Methane Reduction (tons/yr):	8,512		7,323
CO2 Equivalent of CH4 Reduction (tons/yr):	178,758		153,791
Emissions Avoided by Fossil Fuel Displacement:	<i>Electricity Generation Project</i>		<i>Direct Use Project</i>
	CO2 (tons/yr)	SO2 (tons/yr)	CO2 (tons/yr) SO2 (tons/yr)
Coal:	36,307	230	25,634 233
Fuel Oil:	29,799	192	21,039 123
Natural Gas:	20,037	0	14,147 0
<b>E. CONTACT INFORMATION</b>			
Landfill Owner		Landfill Operator	
Contact Name:	Chris Pierson	Chris Pierson	
Mailing Address:	515 Laura St Room 634, 6th Floor	515 Laura St Room 634, 6th Floor	
Phone Number:	904-632-8081	904-632-8081	
Fax Number:			

Gulf Coast LF		Landfill Category: Candidate	
<b>A. GENERAL LANDFILL INFORMATION</b>			
Landfill Owner:	WMI	Annual Acceptance Rate (tons):	144,000
Landfill Owner Type:		Year Annual Acceptance Rate Reported:	1998
Alternative Landfill Name:		Design Capacity (tons):	
City:	Fort Myers	Acres Currently Landfilled (acres):	160
County:	Lee	Average Depth (feet):	50
State:	FL	1994 Waste-in-Place (tons):	2,125,340
Year Open:	1976	1998 Waste-in-Place (tons):	3,612,540
Year Closed:	2002		
<b>B. LANDFILL GAS COLLECTION</b>			
Estimated Methane Generation (mmscf/d):		1.34	
LFG Collection System Status:		Operational	
Current LFG Collected (mmscf/d):		0.4	
Collection and Treatment System Required Under NSPS/EG:		Yes	
<b>C. LANDFILL GAS UTILIZATION</b>			
Current Utilization:			
Utilization System Status:	Planned		
Utilization System Type:	Direct Thermal		
Utilization System Start Year:			
Electric Utility Provider(s):			
Natural Gas Provider(s):			
Energy Purchaser(s):	Lee County WTE Plant		
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)
Estimated Potential Capacity:	4		42
Current Capacity:			
Planned Capacity:			8
Utilities in County: Florida Power & Light Company; Lee County Electric Coop Inc			
<b>D. ENVIRONMENTAL BENEFITS OF UTILIZATION</b>			
	<i>Potential</i>		<i>Current</i>
Methane Reduction (tons/yr):	7,759		1,542
CO2 Equivalent of CH4 Reduction (tons/yr):	162,935		32,378
Emissions Avoided by Fossil Fuel Displacement:	<i>Electricity Generation Project</i>		<i>Direct Use Project</i>
	CO2 (tons/yr)	SO2 (tons/yr)	CO2 (tons/yr) SO2 (tons/yr)
Coal:	33,150	210	23,365 213
Fuel Oil:	27,208	175	19,177 112
Natural Gas:	18,295	0	12,895 0
<b>E. CONTACT INFORMATION</b>			
Landfill Owner		Landfill Operator	
Contact Name:	Pat Yancey, Site Engineer	Laura Gray, Site Engineer	
Mailing Address:	P.O. Box 7314	11990 State Road 82E	
Phone Number:	954-984-2000	941-334-4119	
Fax Number:			

\* *Italicized indicates values estimated by EPA.*





**A. GENERAL LANDFILL INFORMATION**

Landfill Owner:	Solid Waste Disposal District	Annual Acceptance Rate (tons):	114,400
Landfill Owner Type:	Public	Year Annual Acceptance Rate Reported:	1993
Alternative Landfill Name:		Design Capacity (tons):	
City:	Vero Beach	Acres Currently Landfilled (acres):	45
County:	Indian River	Average Depth (feet):	
State:	FL	Waste-in-Place (tons):	1,372,800
Year Open:	1985	1998 Waste-in-Place (tons):	1,601,600
Year Closed:	2018		

**B. LANDFILL GAS COLLECTION**

Estimated Methane Generation (mmscf/d):	0.83
LFG Collection System Status:	
Current LFG Collected (mmscf/d):	
Collection and Treatment System Required Under NSPS/EG:	No

**C. LANDFILL GAS UTILIZATION**

Current Utilization:			
Utilization System Status:		Potential	
Utilization System Type:		Unknown	
Utilization System Start Year:			
Electric Utility Provider(s):			
Natural Gas Provider(s):			
Energy Purchaser(s):			
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)
Estimated Potential Capacity:	3		26
Current Capacity:			
Planned Capacity:			

Utilities in County: Florida Power & Light Company; Peace River Electric Coop Inc; Vero Beach Municipal Utilities

**D. ENVIRONMENTAL BENEFITS OF UTILIZATION**

	Potential	Current
Methane Reduction (tons/yr):	4,785	0
CO2 Equivalent of CH4 Reduction (tons/yr):	100,487	0
Emissions Avoided by Fossil Fuel Displacement:	Electricity Generation Project	Direct Use Project
	CO2 (tons/yr) SO2 (tons/yr)	CO2 (tons/yr) SO2 (tons/yr)
Coal:	20,521 130	14,410 131
Fuel Oil:	16,843 108	11,827 69
Natural Gas:	11,325 0	7,953 0

**E. CONTACT INFORMATION**

	Landfill Owner	Landfill Operator
Contact Name:	Terrance Pinto	Roland McNeil
Mailing Address:	1840 25th Street	1840 25th Street
Phone Number:	407-567-8000	407-770-5112
Fax Number:	407-770-5143	

\* *Italicized indicates values estimated by EPA.*

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Medley LF Expansion			Landfill Category: Candidate	
<b>A. GENERAL LANDFILL INFORMATION</b>				
Landfill Owner:	WMI	Annual Acceptance Rate (tons):	429,000	
Landfill Owner Type:	Private	Year Annual Acceptance Rate Reported:	1992	
Alternative Landfill Name:		Design Capacity (tons):	8,698,260	
City:	Fort Lauderdale	Acres Currently Landfilled (acres):	118	
County:	Dade	Average Depth (feet):	100	
State:	FL	Waste-in-Place (tons):	18,018,000	
Year Open:	1955	1998 Waste-in-Place (tons):	18,876,000	
Year Closed:	2003			
<b>B. LANDFILL GAS COLLECTION</b>				
Estimated Methane Generation (mmscf/d):		3.79		
LFG Collection System Status:				
Current LFG Collected (mmscf/d):				
Collection and Treatment System Required Under NSPS/EG:		No		
<b>C. LANDFILL GAS UTILIZATION</b>				
Current Utilization:				
Utilization System Status:	Potential			
Utilization System Type:	Medium Btu			
Utilization System Start Year:				
Electric Utility Provider(s):	FPNL			
Natural Gas Provider(s):				
Energy Purchaser(s):	Steel Foundry			
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)	
Estimated Potential Capacity:	12		118	
Current Capacity:				
Planned Capacity:				
Utilities in County: Florida Power & Light Company; Homestead, City of				
<b>D. ENVIRONMENTAL BENEFITS OF UTILIZATION</b>				
	<i>Potential</i>		<i>Current</i>	
Methane Reduction (tons/yr):	21,891		0	
CO2 Equivalent of CH4 Reduction (tons/yr):	459,717		0	
Emissions Avoided by Fossil Fuel Displacement:	<i>Electricity Generation Project</i>		<i>Direct Use Project</i>	
	CO2 (tons/yr)	SO2 (tons/yr)	CO2 (tons/yr)	SO2 (tons/yr)
Coal:	93,135	589	65,923	600
Fuel Oil:	76,441	492	54,106	315
Natural Gas:	51,400	0	36,382	0
<b>E. CONTACT INFORMATION</b>				
Landfill Owner		Landfill Operator		
Contact Name:	Steve Urich	Steve Urich		
Mailing Address:	9350 NW 89th Avenue	3750 Landfill Road		
Phone Number:	305-882-9029	305-883-7670		
Fax Number:				

\* *Italicized indicates values estimated by EPA.*



**A. GENERAL LANDFILL INFORMATION**

Landfill Owner:	Collier County	Annual Acceptance Rate (tons):	249,600
Landfill Owner Type:	Public	Year Annual Acceptance Rate Reported:	1994
Alternative Landfill Name:		Design Capacity (tons):	
City:	Naples	Acres Currently Landfilled (acres):	74
County:	Collier	Average Depth (feet):	94
State:	FL	Waste-in-Place (tons):	4,992,000
Year Open:	1977	1998 Waste-in-Place (tons):	5,491,200
Year Closed:	2001		

**B. LANDFILL GAS COLLECTION**

Estimated Methane Generation (mmscf/d):	1.82
LFG Collection System Status:	Operational
Current LFG Collected (mmscf/d):	
Collection and Treatment System Required Under NSPS/EG:	No

**C. LANDFILL GAS UTILIZATION**

Current Utilization:			
Utilization System Status:	Potential		
Utilization System Type:	Unknown		
Utilization System Start Year:			
Electric Utility Provider(s):			
Natural Gas Provider(s):			
Energy Purchaser(s):			
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)
<i>Estimated Potential Capacity:</i>	6		
Current Capacity:			
Planned Capacity:			

Utilities in County: Florida Power & Light Company; Glades Electric Coop Inc; Lee County Electric Coop Inc

**D. ENVIRONMENTAL BENEFITS OF UTILIZATION**

	Potential		Current	
Methane Reduction (tons/yr):		10,537		0
CO2 Equivalent of CH4 Reduction (tons/yr):		221,277		0
Emissions Avoided by Fossil Fuel Displacement:	Electricity Generation Project		Direct Use Project	
	CO2 (tons/yr)	SO2 (tons/yr)	CO2 (tons/yr)	SO2 (tons/yr)
Coal:	44,989	284	31,731	289
Fuel Oil:	36,925	238	26,043	152
Natural Gas:	24,829	0	17,512	0

**E. CONTACT INFORMATION**

	Landfill Owner	Landfill Operator
Contact Name:	David Russell, Acting Director	
Mailing Address:	3301 Tamiami Trail East Building H	3301 Tamiami Trail East
Phone Number:	813-732-2507	941-732-2508
Fax Number:	813-774-9222	

\* Italicized indicates values estimated by EPA.

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North Central LF Site 201		Landfill Category:	Current
<b>A. GENERAL LANDFILL INFORMATION</b>			
Landfill Owner:	Polk County Board of Commissioners	Annual Acceptance Rate (tons):	348,000
Landfill Owner Type:	Public	Year Annual Acceptance Rate Reported:	1998
Alternative Landfill Name:		Design Capacity (tons):	
City:	Winter Haven	Acres Currently Landfilled (acres):	79
County:	Polk	Average Depth (feet):	150
State:	FL	1998 Waste-in-Place (tons):	4,146,000
Year Open:	1976	1998 Waste-in-Place (tons):	4,146,000
Year Closed:	2015		
<b>B. LANDFILL GAS COLLECTION</b>			
Estimated Methane Generation (mmscf/d):	1.48		
LFG Collection System Status:			
Current LFG Collected (mmscf/d):	1.7		
Collection and Treatment System Required Under NSPS/EG:	Yes		
<b>C. LANDFILL GAS UTILIZATION</b>			
Current Utilization:			
Utilization System Status:	Operational		
Utilization System Type:	Direct Thermal		
Utilization System Start Year:	1996		
Electric Utility Provider(s):			
Natural Gas Provider(s):			
Energy Purchaser(s):	Wheelabrator Ridge Energy		
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)
Estimated Potential Capacity:	5		46
Current Capacity:			35
Planned Capacity:			
Utilities in County:	Bartow City Electric Dept; Florida Power Corporation; Fort Meade City Govt; Lakeland Dept of Elec		
<b>D. ENVIRONMENTAL BENEFITS OF UTILIZATION</b>			
	<i>Potential</i>		<i>Current</i>
Methane Reduction (tons/yr):	8,548		6,553
CO2 Equivalent of CH4 Reduction (tons/yr):	179,502		137,603
Emissions Avoided by Fossil Fuel Displacement:	<i>Electricity Generation Project</i>		<i>Direct Use Project</i>
	CO2 (tons/yr)	SO2 (tons/yr)	CO2 (tons/yr) SO2 (tons/yr)
Coal:	36,307	230	25,740 234
Fuel Oil:	29,799	192	21,126 123
Natural Gas:	20,037	0	14,206 0
<b>E. CONTACT INFORMATION</b>			
Landfill Owner		Landfill Operator	
Contact Name:	, Solid Waste Director	, Solid Waste Director	
Mailing Address:	Soild Waste Division 10 Environmental Loop	Solid Waste Division 10 Environmental Loop	
Phone Number:	941-284-4319	941-284-4319	
Fax Number:	813-569-7374		

\* *Italicized indicates values estimated by EPA.*



North LF		Landfill Category: Candidate	
<b>A. GENERAL LANDFILL INFORMATION</b>			
Landfill Owner:	City of Jacksonville	Annual Acceptance Rate (tons):	250,000
Landfill Owner Type:	Public	Year Annual Acceptance Rate Reported:	
Alternative Landfill Name:		Design Capacity (tons):	
City:	Jacksonville	Acres Currently Landfilled (acres):	126
County:	Duval	Average Depth (feet):	90
State:	FL	1994 Waste-in-Place (tons):	4,900,000
Year Open:	1976	1998 Waste-in-Place (tons):	4,900,000
Year Closed:	1992		
<b>B. LANDFILL GAS COLLECTION</b>			
Estimated Methane Generation (mmscf/d):	1.67		
LFG Collection System Status:	Operational		
Current LFG Collected (mmscf/d):	4.5		
Collection and Treatment System Required Under NSPS/EG:	Yes		
<b>C. LANDFILL GAS UTILIZATION</b>			
Current Utilization:			
Utilization System Status:	Planned		
Utilization System Type:	Boiler		
Utilization System Start Year:	1998		
Electric Utility Provider(s):	Jacksonville Electric Authority		
Natural Gas Provider(s):			
Energy Purchaser(s):			
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)
Estimated Potential Capacity:	5		52
Current Capacity:			
Planned Capacity:	7.5		94
Utilities in County: Clay Electric Cooperative Inc; Florida Power & Light Company; Jacksonville Beach Elec Dept; Okefe			
<b>D. ENVIRONMENTAL BENEFITS OF UTILIZATION</b>			
	<i>Potential</i>		<i>Current</i>
Methane Reduction (tons/yr):	9,663		17,345
CO2 Equivalent of CH4 Reduction (tons/yr):	202,917		364,241
Emissions Avoided by Fossil Fuel Displacement:	<i>Electricity Generation Project</i>		<i>Direct Use Project</i>
	CO2 (tons/yr)	SO2 (tons/yr)	CO2 (tons/yr) SO2 (tons/yr)
Coal:	41,042	259	29,098 265
Fuel Oil:	33,686	217	23,882 139
Natural Gas:	22,651	0	16,059 0
<b>E. CONTACT INFORMATION</b>			
Landfill Owner		Landfill Operator	
Contact Name:	Chris Pierson, Chris Pierson	Chris Pierson, Chris Pierson	
Mailing Address:	515 Laura St Room 634, 6th Floor	515 Laura St Room 634, 6th Floor	
Phone Number:	904-632-8081	904-632-8081	
Fax Number:		904-632-4471	

\* *Italicized indicates values estimated by EPA.*



Orange County SLF AKA Demonstration		Landfill Category:	Current
<b>A. GENERAL LANDFILL INFORMATION</b>			
Landfill Owner:	Orange County Utilities Division	Annual Acceptance Rate (tons):	768,000
Landfill Owner Type:	Public	Year Annual Acceptance Rate Reported:	1998
Alternative Landfill Name:		Design Capacity (tons):	
City:	Orlando	Acres Currently Landfilled (acres):	180
County:	Orange	Average Depth (feet):	50
State:	FL	1998 Waste-in-Place (tons):	7,700,000
Year Open:	1971	1998 Waste-in-Place (tons):	7,700,000
Year Closed:	1997		
<b>B. LANDFILL GAS COLLECTION</b>			
Estimated Methane Generation (mmscf/d):	2.39		
LFG Collection System Status:			
Current LFG Collected (mmscf/d):	7.9		
Collection and Treatment System Required Under NSPS/EG:	No		
<b>C. LANDFILL GAS UTILIZATION</b>			
Current Utilization:			
Utilization System Status:	Operational		
Utilization System Type:	Gas Turbine		
Utilization System Start Year:	1997		
Electric Utility Provider(s):			
Natural Gas Provider(s):			
Energy Purchaser(s):	Orlando Utilities Commission		
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)
Estimated Potential Capacity:	8		75
Current Capacity:	8.0		62
Planned Capacity:			
Utilities in County:	Florida Power Corporation; Orlando Utilities Commission		
<b>D. ENVIRONMENTAL BENEFITS OF UTILIZATION</b>			
	<i>Potential</i>		<i>Current</i>
Methane Reduction (tons/yr):	13,803		30,450
CO2 Equivalent of CH4 Reduction (tons/yr):	289,869		639,446
Emissions Avoided by Fossil Fuel Displacement:	<i>Electricity Generation Project</i>		<i>Direct Use Project</i>
	CO2 (tons/yr)	SO2 (tons/yr)	CO2 (tons/yr) SO2 (tons/yr)
Coal:	59,196	374	41,567 378
Fuel Oil:	48,585	313	34,116 199
Natural Gas:	32,669	0	22,940 0
<b>E. CONTACT INFORMATION</b>			
Landfill Owner		Landfill Operator	
Contact Name:	Alan Ispass, Chief of Purchasing	Dan Morrical	
Mailing Address:	109 East Church Street Suite 410	5901 Young Pine Road P.O. Box 720067	
Phone Number:	407-836-7231	407-836-6600	
Fax Number:	407-836-6709		

\* *Italicized indicates values estimated by EPA.*



Osceola Road LF		Landfill Category: Candidate	
<b>A. GENERAL LANDFILL INFORMATION</b>			
Landfill Owner:	Seminole County	Annual Acceptance Rate (tons):	402,405
Landfill Owner Type:	Public	Year Annual Acceptance Rate Reported:	1998
Alternative Landfill Name:		Design Capacity (tons):	26,994,601
City:	Sanford	Acres Currently Landfilled (acres):	
County:	Seminole	Average Depth (feet):	
State:	FL	Waste-in-Place (tons):	4,292,860
Year Open:	1978	1998 Waste-in-Place (tons):	4,744,740
Year Closed:	2040		
<b>B. LANDFILL GAS COLLECTION</b>			
Estimated Methane Generation (mmscf/d):		1.63	
LFG Collection System Status:			
Current LFG Collected (mmscf/d):			
Collection and Treatment System Required Under NSPS/EG:		Yes	
<b>C. LANDFILL GAS UTILIZATION</b>			
Current Utilization:			
Utilization System Status:	Unknown		
Utilization System Type:	Unknown		
Utilization System Start Year:			
Electric Utility Provider(s):			
Natural Gas Provider(s):			
Energy Purchaser(s):			
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)
Estimated Potential Capacity:	5		51
Current Capacity:			
Planned Capacity:			
Utilities in County: Florida Power & Light Company; Florida Power Corporation			
<b>D. ENVIRONMENTAL BENEFITS OF UTILIZATION</b>			
	<i>Potential</i>		<i>Current</i>
Methane Reduction (tons/yr):	9,433		0
CO2 Equivalent of CH4 Reduction (tons/yr):	198,095		0
Emissions Avoided by Fossil Fuel Displacement:	<i>Electricity Generation Project</i>		<i>Direct Use Project</i>
	CO2 (tons/yr)	SO2 (tons/yr)	CO2 (tons/yr) SO2 (tons/yr)
Coal:	40,253	254	28,407 259
Fuel Oil:	33,038	213	23,315 136
Natural Gas:	22,215	0	15,677 0
<b>E. CONTACT INFORMATION</b>			
Landfill Owner		Landfill Operator	
Contact Name:	Fred Blakely	Fred Blakely	
Mailing Address:	Central Transfer Station 1634 SR 419	Central Transfer Station 1634 SR 419	
Phone Number:	407-322-7605	407-322-7605	
Fax Number:			

\* *Italicized indicates values estimated by EPA.*



**A. GENERAL LANDFILL INFORMATION**

Landfill Owner:	Palm Beach County	Annual Acceptance Rate (tons):	577,720
Landfill Owner Type:	Public	Year Annual Acceptance Rate Reported:	1990
Alternative Landfill Name:		Design Capacity (tons):	
City:	Palm Beach	Acres Currently Landfilled (acres):	253
County:	Palm Beach	Average Depth (feet):	75
State:	FL	Waste-in-Place (tons):	15,598,440
Year Open:	1968	1998 Waste-in-Place (tons):	15,598,440
Year Closed:	1994		

**B. LANDFILL GAS COLLECTION**

Estimated Methane Generation (mmscf/d):	4.41
LFG Collection System Status:	
Current LFG Collected (mmscf/d):	
Collection and Treatment System Required Under NSPS/EG:	Yes

**C. LANDFILL GAS UTILIZATION**

Current Utilization:			
Utilization System Status:	Planned		
Utilization System Type:	Unknown		
Utilization System Start Year:			
Electric Utility Provider(s):			
Natural Gas Provider(s):			
Energy Purchaser(s):	Florida Power and Light		
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)
<i>Estimated Potential Capacity:</i>	14		138
Current Capacity:			
Planned Capacity:			

Utilities in County: Florida Power & Light Company; Lake Worth Utilities, City of

**D. ENVIRONMENTAL BENEFITS OF UTILIZATION**

	Potential	Current
Methane Reduction (tons/yr):	25,484	0
CO2 Equivalent of CH4 Reduction (tons/yr):	535,154	0
Emissions Avoided by Fossil Fuel Displacement:	Electricity Generation Project	Direct Use Project
	CO2 (tons/yr) SO2 (tons/yr)	CO2 (tons/yr) SO2 (tons/yr)
Coal:	108,920 689	76,740 698
Fuel Oil:	89,397 575	62,985 367
Natural Gas:	60,112 0	42,352 0

**E. CONTACT INFORMATION**

	Landfill Owner	Landfill Operator
Contact Name:	Don Lockhart, Director	Mark Brunner
Mailing Address:	7501 North Jog Road	5114 Okeechobee Boulevard
Phone Number:	407-471-2700	561-471-2700
Fax Number:	407-683-4067	

\* *Italicized indicates values estimated by EPA.*

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Perdido LF		Landfill Category:	Current
<b>A. GENERAL LANDFILL INFORMATION</b>			
Landfill Owner:	County Gov't BOCC	Annual Acceptance Rate (tons):	200,200
Landfill Owner Type:	Public	Year Annual Acceptance Rate Reported:	1990
Alternative Landfill Name:		Design Capacity (tons):	
City:	Cantonment	Acres Currently Landfilled (acres):	110
County:	Escambia	Average Depth (feet):	60
State:	FL	1994 Waste-in-Place (tons):	4,050,400
Year Open:	1981	1998 Waste-in-Place (tons):	4,851,200
Year Closed:	2030		
<b>B. LANDFILL GAS COLLECTION</b>			
Estimated Methane Generation (mmscf/d):	1.66		
LFG Collection System Status:	Operational		
Current LFG Collected (mmscf/d):	2.0		
Collection and Treatment System Required Under NSPS/EG:	Yes		
<b>C. LANDFILL GAS UTILIZATION</b>			
Current Utilization:			
Utilization System Status:	Operational		
Utilization System Type:	Boiler		
Utilization System Start Year:	1997		
Electric Utility Provider(s):			
Natural Gas Provider(s):			
Energy Purchaser(s):	Champion International Paper, Cantonment F		
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)
Estimated Potential Capacity:	5		52
Current Capacity:	2.3		42
Planned Capacity:			
Utilities in County:	Escambia River Elec Coop Inc; Gulf Power Co; Southeastern Power Admin		
<b>D. ENVIRONMENTAL BENEFITS OF UTILIZATION</b>			
	<i>Potential</i>		<i>Current</i>
Methane Reduction (tons/yr):	9,591		7,709
CO2 Equivalent of CH4 Reduction (tons/yr):	201,401		161,885
Emissions Avoided by Fossil Fuel Displacement:	<i>Electricity Generation Project</i>		<i>Direct Use Project</i>
	CO2 (tons/yr)	SO2 (tons/yr)	CO2 (tons/yr) SO2 (tons/yr)
Coal:	41,042	259	28,881 263
Fuel Oil:	33,686	217	23,704 138
Natural Gas:	22,651	0	15,939 0
<b>E. CONTACT INFORMATION</b>			
Landfill Owner		Landfill Operator	
Contact Name:	David Gregory, Acting Director		
Mailing Address:	13009 Beulah Road	Route 4 Box 110, Beulah Road	
Phone Number:	850-968-6628	850-968-6628	
Fax Number:	904-968-5690		

\* *Italicized indicates values estimated by EPA.*

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South Dade Solid Waste Disposal Facility			Landfill Category:	Current
<b>A. GENERAL LANDFILL INFORMATION</b>				
Landfill Owner:	Metro-Dade Solid Waste Management	Annual Acceptance Rate (tons):	414,700	
Landfill Owner Type:	Public	Year Annual Acceptance Rate Reported:	1998	
Alternative Landfill Name:		Design Capacity (tons):	16,196,761	
City:	Miami	Acres Currently Landfilled (acres):	115	
County:	Dade	Average Depth (feet):	140	
State:	FL	1998 Waste-in-Place (tons):	7,464,600	
Year Open:	1978	1998 Waste-in-Place (tons):	7,464,600	
Year Closed:	2012			
<b>B. LANDFILL GAS COLLECTION</b>				
Estimated Methane Generation (mmscf/d):		2.33		
LFG Collection System Status:				
Current LFG Collected (mmscf/d):				
Collection and Treatment System Required Under NSPS/EG:		Yes		
<b>C. LANDFILL GAS UTILIZATION</b>				
Current Utilization:				
Utilization System Status:	Construction			
Utilization System Type:	Medium Btu			
Utilization System Start Year:	1999			
Electric Utility Provider(s):				
Natural Gas Provider(s):				
Energy Purchaser(s):				
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)	
Estimated Potential Capacity:	7		73	
Current Capacity:				
Planned Capacity:	6.6		51	
Utilities in County: Florida Power & Light Company; Homestead, City of				
<b>D. ENVIRONMENTAL BENEFITS OF UTILIZATION</b>				
	<i>Potential</i>		<i>Current</i>	
Methane Reduction (tons/yr):	13,455		0	
CO2 Equivalent of CH4 Reduction (tons/yr):	282,559		0	
Emissions Avoided by Fossil Fuel Displacement:	<i>Electricity Generation Project</i>		<i>Direct Use Project</i>	
	CO2 (tons/yr)	SO2 (tons/yr)	CO2 (tons/yr)	SO2 (tons/yr)
Coal:	57,617	364	40,519	369
Fuel Oil:	47,290	304	33,256	194
Natural Gas:	31,798	0	22,362	0
<b>E. CONTACT INFORMATION</b>				
Landfill Owner			Landfill Operator	
Contact Name:	Andrew Wilfork, Director	Vicente Castro		
Mailing Address:	8675 Northwest 53rd Street Suite 201	8675 Northwest 53rd Street Suite 201		
Phone Number:	305-594-1520	305-594-1520		
Fax Number:	305-594-1591			

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**A. GENERAL LANDFILL INFORMATION**

Landfill Owner:	Osceola County Solid Waste	Annual Acceptance Rate (tons):	85,800
Landfill Owner Type:	Public	Year Annual Acceptance Rate Reported:	1994
Alternative Landfill Name:		Design Capacity (tons):	
City:	Kissimmee	Acres Currently Landfilled (acres):	35
County:	Osceola	Average Depth (feet):	
State:	FL	Waste-in-Place (tons):	1,029,600
Year Open:	1985	1998 Waste-in-Place (tons):	1,201,200
Year Closed:	1998		

**B. LANDFILL GAS COLLECTION**

Estimated Methane Generation (mmscf/d):	0.73
LFG Collection System Status:	
Current LFG Collected (mmscf/d):	
Collection and Treatment System Required Under NSPS/EG:	No

**C. LANDFILL GAS UTILIZATION**

Current Utilization:		
Utilization System Status:	Unknown	
Utilization System Type:	Unknown	
Utilization System Start Year:		
Electric Utility Provider(s):		
Natural Gas Provider(s):		
Energy Purchaser(s):		
Capacity:	Electricity Generation Project (MW)	OR Direct Use Project (mmBtu/hr)
<i>Estimated Potential Capacity:</i>	2	23
Current Capacity:		
Planned Capacity:		

Utilities in County: Florida Power Corporation; Kissimmee Util Authority; Peace River Electric Coop Inc; St Cloud Elec

**D. ENVIRONMENTAL BENEFITS OF UTILIZATION**

	Potential	Current
Methane Reduction (tons/yr):	4,193	0
CO2 Equivalent of CH4 Reduction (tons/yr):	88,053	0
Emissions Avoided by Fossil Fuel Displacement:	Electricity Generation Project	Direct Use Project
	CO2 (tons/yr) SO2 (tons/yr)	CO2 (tons/yr) SO2 (tons/yr)
Coal:	18,153 115	12,627 115
Fuel Oil:	14,899 96	10,363 60
Natural Gas:	10,019 0	6,968 0

**E. CONTACT INFORMATION**

	Landfill Owner	Landfill Operator
Contact Name:	Board of County Commissioners	Leonard Marion
Mailing Address:	17 South Vernon Avenue	4400 Hunt Road
Phone Number:	407-892-2397	407-847-4481
Fax Number:	407-847-9172	

\* *Italicized indicates values estimated by EPA.*

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Sunbeam Road SLF		Landfill Category:	Current
<b>A. GENERAL LANDFILL INFORMATION</b>			
Landfill Owner:	WMI	Annual Acceptance Rate (tons):	328,900
Landfill Owner Type:	Private	Year Annual Acceptance Rate Reported:	0
Alternative Landfill Name:		Design Capacity (tons):	
City:	Jacksonville	Acres Currently Landfilled (acres):	75
County:	Duval	Average Depth (feet):	10
State:	FL	1994 Waste-in-Place (tons):	2,250,000
Year Open:	1972	1998 Waste-in-Place (tons):	2,250,000
Year Closed:	1989		
<b>B. LANDFILL GAS COLLECTION</b>			
Estimated Methane Generation (mmscf/d):	0.99		
LFG Collection System Status:	Operational		
Current LFG Collected (mmscf/d):	0.4		
Collection and Treatment System Required Under NSPS/EG:	No		
<b>C. LANDFILL GAS UTILIZATION</b>			
Current Utilization:			
Utilization System Status:	Operational		
Utilization System Type:	Reciprocating Engine		
Utilization System Start Year:	1987		
Electric Utility Provider(s):			
Natural Gas Provider(s):			
Energy Purchaser(s):			
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)
Estimated Potential Capacity:	3		31
Current Capacity:	0.8		8
Planned Capacity:			
Utilities in County:	Clay Electric Cooperative Inc; Florida Power & Light Company; Jacksonville Beach Elec Dept; Okefe		
<b>D. ENVIRONMENTAL BENEFITS OF UTILIZATION</b>			
	<i>Potential</i>		<i>Current</i>
Methane Reduction (tons/yr):	5,744		1,542
CO2 Equivalent of CH4 Reduction (tons/yr):	120,622		32,378
Emissions Avoided by Fossil Fuel Displacement:	<i>Electricity Generation Project</i>		<i>Direct Use Project</i>
	CO2 (tons/yr)	SO2 (tons/yr)	CO2 (tons/yr) SO2 (tons/yr)
Coal:	24,468	155	17,297 157
Fuel Oil:	20,082	129	14,197 83
Natural Gas:	13,503	0	9,546 0
<b>E. CONTACT INFORMATION</b>			
Landfill Owner		Landfill Operator	
Contact Name:	John Wong, Env'l Health and Safety Mgr		
Mailing Address:			
Phone Number:	813-621-3053		
Fax Number:			

\* *Italicized indicates values estimated by EPA.*



Tomoka Farms Road LF		Landfill Category:	Current
<b>A. GENERAL LANDFILL INFORMATION</b>			
Landfill Owner:		Annual Acceptance Rate (tons):	284,570
Landfill Owner Type:	Public	Year Annual Acceptance Rate Reported:	1993
Alternative Landfill Name:		Design Capacity (tons):	
City:	Daytona Beach	Acres Currently Landfilled (acres):	80
County:	Volusia	Average Depth (feet):	100
State:	FL	1994 Waste-in-Place (tons):	7,569,140
Year Open:	1981	1998 Waste-in-Place (tons):	7,853,710
Year Closed:	1995		
<b>B. LANDFILL GAS COLLECTION</b>			
Estimated Methane Generation (mmscf/d):	2.43		
LFG Collection System Status:	Planned		
Current LFG Collected (mmscf/d):	5.0		
Collection and Treatment System Required Under NSPS/EG:	No		
<b>C. LANDFILL GAS UTILIZATION</b>			
Current Utilization:			
Utilization System Status:	Operational		
Utilization System Type:	Reciprocating Engine		
Utilization System Start Year:	1998		
Electric Utility Provider(s):			
Natural Gas Provider(s):			
Energy Purchaser(s):	Florida Power & Light		
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)
Estimated Potential Capacity:	8		76
Current Capacity:	3.5		104
Planned Capacity:			
Utilities in County:	Clay Electric Cooperative Inc; Florida Power & Light Company; Florida Power Corporation; New Sm		
<b>D. ENVIRONMENTAL BENEFITS OF UTILIZATION</b>			
	<i>Potential</i>		<i>Current</i>
Methane Reduction (tons/yr):	14,031		19,272
CO2 Equivalent of CH4 Reduction (tons/yr):	294,643		404,712
Emissions Avoided by Fossil Fuel Displacement:	<i>Electricity Generation Project</i>		<i>Direct Use Project</i>
	CO2 (tons/yr)	SO2 (tons/yr)	CO2 (tons/yr) SO2 (tons/yr)
Coal:	59,985	379	42,251 384
Fuel Oil:	49,233	317	34,678 202
Natural Gas:	33,105	0	23,318 0
<b>E. CONTACT INFORMATION</b>			
Landfill Owner		Landfill Operator	
Contact Name:	Jim Griffin, Director		
Mailing Address:	1994 Tomoka Farm Road	123 West Indiana Avenue	
Phone Number:	904-947-2952	904-736-2700	
Fax Number:	904-736-5957		

\* *Italicized indicates values estimated by EPA.*

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**A. GENERAL LANDFILL INFORMATION**

Landfill Owner:	Leon County	Annual Acceptance Rate (tons):	127,270
Landfill Owner Type:	Public	Year Annual Acceptance Rate Reported:	1993
Alternative Landfill Name:		Design Capacity (tons):	2,605,279
City:	Tallahassee	Acres Currently Landfilled (acres):	20
County:	Leon	Average Depth (feet):	40
State:	FL	1998 Waste-in-Place (tons):	1,200,000
Year Open:	1977	1998 Waste-in-Place (tons):	1,200,000
Year Closed:	2002		

**B. LANDFILL GAS COLLECTION**

Estimated Methane Generation (mmscf/d):	0.72
LFG Collection System Status:	
Current LFG Collected (mmscf/d):	
Collection and Treatment System Required Under NSPS/EG:	No

**C. LANDFILL GAS UTILIZATION**

Current Utilization:			
Utilization System Status:	Potential		
Utilization System Type:	Unknown		
Utilization System Start Year:			
Electric Utility Provider(s):			
Natural Gas Provider(s):			
Energy Purchaser(s):			
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)
Estimated Potential Capacity:	2		23
Current Capacity:			
Planned Capacity:			

Utilities in County: Florida Power Corporation; Southeastern Power Admin; Tallahassee Elec Dept; Talquin Electric Co

**D. ENVIRONMENTAL BENEFITS OF UTILIZATION**

	<i>Potential</i>		Current	
<i>Methane Reduction (tons/yr):</i>		4,191		0
<i>CO2 Equivalent of CH4 Reduction (tons/yr):</i>		88,015		0
<i>Emissions Avoided by Fossil Fuel Displacement:</i>	<i>Electricity Generation Project</i>		<i>Direct Use Project</i>	
	<i>CO2 (tons/yr)</i>	<i>SO2 (tons/yr)</i>	<i>CO2 (tons/yr)</i>	<i>SO2 (tons/yr)</i>
<i>Coal:</i>	18,153	115	12,621	115
<i>Fuel Oil:</i>	14,899	96	10,359	60
<i>Natural Gas:</i>	10,019	0	6,966	0

**E. CONTACT INFORMATION**

Landfill Owner		Landfill Operator
Contact Name:	Jud Curtis, Director	Jud Curtis
Mailing Address:	Leon County Courthouse Room 201	County Courthouse
Phone Number:	904-488-8003	904-488-8003
Fax Number:	904-488-1260	

\* *Italicized indicates values estimated by EPA.*

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**A. GENERAL LANDFILL INFORMATION**

Landfill Owner:	Palm Beach County	Annual Acceptance Rate (tons):	
Landfill Owner Type:	Public	Year Annual Acceptance Rate Reported:	1998
Alternative Landfill Name:		Design Capacity (tons):	
City:	West Palm Beach	Acres Currently Landfilled (acres):	
County:		Average Depth (feet):	
State:	FL	1998 Waste-in-Place (tons):	
Year Open:		1998 Waste-in-Place (tons):	
Year Closed:			

**B. LANDFILL GAS COLLECTION**

*Estimated Methane Generation (mmscf/d):*

LFG Collection System Status:

Current LFG Collected (mmscf/d):

Collection and Treatment System Required Under NSPS/EG: No

**C. LANDFILL GAS UTILIZATION**

Current Utilization:

Utilization System Status: Planned

Utilization System Type: Unknown

Utilization System Start Year:

Electric Utility Provider(s):

Natural Gas Provider(s):

Energy Purchaser(s): Florida Power and Light Co.

Capacity: Electricity Generation Project (MW) OR Direct Use Project (mmBtu/hr)

*Estimated Potential Capacity:*

Current Capacity:

Planned Capacity:

Utilities in County:

**D. ENVIRONMENTAL BENEFITS OF UTILIZATION**

	<i>Potential</i>	<i>Current</i>
<i>Methane Reduction (tons/yr):</i>		
<i>CO2 Equivalent of CH4 Reduction (tons/yr):</i>		
<i>Emissions Avoided by Fossil Fuel Displacement:</i>	<i>Electricity Generation Project</i>	<i>Direct Use Project</i>
	<i>CO2 (tons/yr) SO2 (tons/yr)</i>	<i>CO2 (tons/yr) SO2 (tons/yr)</i>
<i>Coal:</i>		
<i>Fuel Oil:</i>		
<i>Natural Gas:</i>		

**E. CONTACT INFORMATION**

Landfill Owner	Landfill Operator
Contact Name:	Mark Brunner
Mailing Address:	
Phone Number:	561-471-2700
Fax Number:	

\* *Italicized indicates values estimated by EPA.*

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Wright LF		Landfill Category: Candidate	
<b>A. GENERAL LANDFILL INFORMATION</b>			
Landfill Owner:		Annual Acceptance Rate (tons):	225,609
Landfill Owner Type:		Year Annual Acceptance Rate Reported:	0
Alternative Landfill Name:		Design Capacity (tons):	
City:	Crestview	Acres Currently Landfilled (acres):	160
County:	Okaloosa	Average Depth (feet):	8
State:	FL	Waste-in-Place (tons):	6,542,657
Year Open:	1961	1998 Waste-in-Place (tons):	6,542,661
Year Closed:	1989		
<b>B. LANDFILL GAS COLLECTION</b>			
Estimated Methane Generation (mmscf/d):		1.67	
LFG Collection System Status:			
Current LFG Collected (mmscf/d):			
Collection and Treatment System Required Under NSPS/EG:		No	
<b>C. LANDFILL GAS UTILIZATION</b>			
Current Utilization:			
Utilization System Status:	Potential		
Utilization System Type:	Unknown		
Utilization System Start Year:			
Electric Utility Provider(s):			
Natural Gas Provider(s):			
Energy Purchaser(s):			
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)
Estimated Potential Capacity:	5		52
Current Capacity:			
Planned Capacity:			
Utilities in County: Choctawhatchee Elec Coop Inc; Gulf Power Co; Southeastern Power Admin			
<b>D. ENVIRONMENTAL BENEFITS OF UTILIZATION</b>			
	<i>Potential</i>		<i>Current</i>
Methane Reduction (tons/yr):	9,673		0
CO2 Equivalent of CH4 Reduction (tons/yr):	203,135		0
Emissions Avoided by Fossil Fuel Displacement:	<i>Electricity Generation Project</i>		<i>Direct Use Project</i>
	CO2 (tons/yr)	SO2 (tons/yr)	CO2 (tons/yr) SO2 (tons/yr)
Coal:	41,042	259	29,129 265
Fuel Oil:	33,686	217	23,908 139
Natural Gas:	22,651	0	16,076 0
<b>E. CONTACT INFORMATION</b>			
Landfill Owner		Landfill Operator	
Contact Name:	David Heinrich	David Heinrich	
Mailing Address:	1759 South Fredon Boulevard	1759 South Ferdon Boulevard	
Phone Number:	904-689-5772	904-689-5772	
Fax Number:	904-689-5786	904-689-5786	

\* *Italicized indicates values estimated by EPA.*